Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 23 Jul 2022 until 23:59 on Sunday 24 Jul 2022

Forecast Issued on Saturday 23 Jul 2022 at 04:32

Confidence: High for unsettled picture, but moderate confidence in low cloud and precipitation detail over the weekend. High confidence for high pressure returning on Tuesday.

Headline for Saturday 23 Jul 2022: Generally cloudy with outbreaks of rain.

Mountain weather hazards on Saturday 23 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Dull	Dull
Precipitation probability					
10%	10%	60%	40%	20%	30%

Forecast for Saturday 23 Jul 2022

Weather: Areas of low cloud with hill fog, gradually lifting this morning. Some bright or sunny spells may temporarily develop before cloud increases again late morning, and outbreaks of rain arrive. This afternoon low cloud spreads across the park from the west, mostly just above the summits, while patchy light rain persists. A breezy day with winds strengthening this evening and overnight.

Chance of cloud-free hill tops above 600m: 30% at first, increasing to 80% by mid-morning. Then decreasing 30% this evening.

Low cloud and visibility: Poor visibility in low cloud base 400-500m at first, gradually improving this morning with cloud bases above 600m. Then generally good visibility until this evening, before cloud bases lower to 500-600m, mainly across western areas.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 23 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 SW	11/14 SW	17/23 SW	19/27 S	20/28 SW	22/31 S	25/34 SW
300	3/4 SW	8/11 SW	13/18 S	15/22 S	15/23 S	15/24 S	18/28 S
Valley	1/3 SW	6/10 S	8/17 S	9/21 S	10/22 S	10/24 S	11/26 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	13/11	13/10	15/11	15/12	14/11	14/10
300	13/13	15/14	16/14	17/15	18/15	17/14	16/13
Valley	14/14	16/16	16/15	18/16	18/17	17/16	16/15
Freezing Level*	2800m	3100m	3500m	3400m	3200m	3600m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunlight is possible with any brighter spells this morning and UV protection is recommended. May feel cool in rain and stronger winds later, particularly on exposed mountain summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 23 Jul 2022	9mm	10.8mm	11mm

Forecast for Sunday 24 Jul 2022

Weather: Low cloud and patchy rain overnight, clearing eastwards with cloud breaking up by dawn. Then a mixture of sunny spells and scattered showers through the remainder of the day, some perhaps heavy at times in the afternoon. Strong, blustery winds throughout the day so feeling cool, particularly in exposed spots. Low risk of gales over summits.

Maximum wind: Southwesterly 25mph gusting 45-50mph.

Chance of cloud-free hill tops above 600m: 30% at first, increasing to 90%.

Low cloud and visibility: Poor in rain and low cloud base 500-600m overnight, locally 400-500m across western areas. Then good visibility for the remainder of the day.

Temperature: **Valleys:** Plus 14 Celsius increasing to 20 Celsius
At 600m: Plus 14 Celsius increasing to 17 Celsius.
Freezing level: Above summits.

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